

10/674376

Patent 6,982,046

Docket 136299

To FAX: (571)273-8300

# Pages: 5

I hereby certify that this paper is being  
Facsimile transmitted to the Patent and  
Trademark Office on the date shown below.

6/23/06  
(Date of Transmission)  
Signature

RECEIVED  
CENTRAL FAX CENTER

JUN 23 2006

Certificate

JUN 29 2006

of Correction

In re Application of

: Group Art Unit: 2879

Alok Mani Srivastava et al.

: Examiner: Coslow, C. Melissa

Patent No. 6,982,046

Issued: January 3, 2006

For: LIGHT SOURCES WITH NANOMETER-SIZED VUV  
RADIATION-ABSORBING PHOSPHORS

6/23/06  
(Date of Signature)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

CERTIFICATE OF CORRECTION

Honorable Assistant Commissioner of Patents and Trademarks,  
Alexandria, VA

SIR:

Please find attached a Certificate of Correction submitted to correct issued patent 6,982,046 to correct claim 2, so that this claim matches the claim as amended on 1/3/05.

Claim 2 should read as follows:

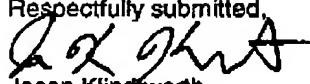
2. A light source comprising:

a source of plasma discharge that emits electromagnetic ("EM") radiation, a portion of which has wavelengths shorter than about 200nm; and a phosphor composition that comprises a plurality of particles, each of said particles comprising at least a first phosphor and at least a second phosphor, said phosphor composition is disposed such that said first phosphor absorbs substantially said portion of EM radiation having wavelengths shorter than about 200 nm, and said first phosphor emits EM radiation having wavelengths longer than about 200 nm, wherein said at least a first phosphor forms a shell around each particle of said second phosphor.

Since the mistake is not the fault of the applicant, there are no fees owed.

Patent 6,982,046

Docket 136299

Respectfully submitted,  
  
Jason Klindtworth  
Reg. No. 47,211

General Electric Company  
Building K1, Room 3A62  
One Research Circle  
Niskayuna, New York 12309

6/23, 2006

Telephone: (518) 387-7360 or  
(518) 387-7122

JUN 23 2006

PTO/SB/44 (04-05)

Approved for use through 04/30/2007. OMB 0651-0033  
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE  
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.  
(Also Form PTO-1050)UNITED STATES PATENT AND TRADEMARK OFFICE  
CERTIFICATE OF CORRECTIONPage 1 of 1

PATENT NO. : 6,982,046

APPLICATION NO.: 10/674,376

ISSUE DATE : Jan. 3, 2006

INVENTOR(S) : Alok Mani Srivastava, Anant Achyut Stlur, Sergio Paulo Martin Loureiro,  
Darryl Stephen Williams, Mohan Manoharan

It is certified that an error appears or errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

## 2. A light source comprising:

a source of plasma discharge that emits electromagnetic ("EM") radiation, a portion of which has wavelengths shorter than about 200nm; and a phosphor composition that comprises a plurality of particles, each of said particles comprising at least a first phosphor and at least a second phosphor, said phosphor composition is disposed such that said first phosphor absorbs substantially said portion of EM radiation having wavelengths shorter than about 200 nm, and said first phosphor emits EM radiation having wavelengths longer than about 200 nm, wherein said at least a first phosphor forms a shell around each particle of said second phosphor.

## MAILING ADDRESS OF SENDER (Please do not use customer number below):

This collection of information is required by 37 CFR 1.322, 1.323, and 1.324. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 1.0 hour to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Attention Certificate of Corrections Branch, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

*If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.*

JUN 29 2006

PTO/SB/44 (04-05)

Approved for use through 04/30/2007. OMB 0651-0053  
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE  
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.  
(Also Form PTO-1050)

## UNITED STATES PATENT AND TRADEMARK OFFICE CERTIFICATE OF CORRECTION

Page 1 of 1

PATENT NO. : 6,982,046

APPLICATION NO.: 10/674,376

ISSUE DATE : Jan. 3, 2006

INVENTOR(S) : Alok Mani Srivastava, Anant Achyut Stiur, Sergio Paulo Martin Loureiro,  
Darryl Stephen Williams, Mohan Manoharan

It is certified that an error appears or errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

### 2. A light source comprising:

a source of plasma discharge that emits electromagnetic ("EM") radiation, a portion of which has wavelengths shorter than about 200nm; and a phosphor composition that comprises a plurality of particles, each of said particles comprising at least a first phosphor and at least a second phosphor, said phosphor composition is disposed such that said first phosphor absorbs substantially said portion of EM radiation having wavelengths shorter than about 200 nm, and said first phosphor emits EM radiation having wavelengths longer than about 200 nm, wherein said at least a first phosphor forms a shell around each particle of said second phosphor.

### MAILING ADDRESS OF SENDER (Please do not use customer number below):

This collection of information is required by 37 CFR 1.322, 1.323, and 1.324. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 1.0 hour to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Attention Certificate of Corrections Branch, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

PTO/SB/44 (04-05)

Approved for use through 04/30/2007. OMB 0651-0033  
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE  
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.  
(Also Form PTO-1050)UNITED STATES PATENT AND TRADEMARK OFFICE  
CERTIFICATE OF CORRECTIONPage 1 of 6

PATENT NO. : 6,982,046

APPLICATION NO.: 10/674,376

ISSUE DATE : Jan. 3, 2006

INVENTOR(S) : Alok Mani Srivastava, Anant Achyut Stiur, Sergio Paulo Martin Loureiro, Darryl Stephen Williams, Mohan Manoharan

It is certified that an error appears or errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

## 2. A light source comprising:

a source of plasma discharge that emits electromagnetic ("EM") radiation, a portion of which has wavelengths shorter than about 200nm; and a phosphor composition that comprises a plurality of particles, each of said particles comprising at least a first phosphor and at least a second phosphor, said phosphor composition is disposed such that said first phosphor absorbs substantially said portion of EM radiation having wavelengths shorter than about 200 nm, and said first phosphor emits EM radiation having wavelengths longer than about 200 nm, wherein said at least a first phosphor forms a shell around each particle of said second phosphor.

## MAILING ADDRESS OF SENDER (Please do not use customer number below):

This collection of information is required by 37 CFR 1.322, 1.323, and 1.324. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 1.0 hour to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Attention Certificate of Corrections Branch, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

*If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.*